

# Supporting Information for “The Case for Phytoplankton Blooms Under Antarctic Sea Ice”

C. Horvat<sup>1</sup>, S. Seabrook<sup>2,3</sup>, A. Cristi<sup>2,4</sup>, L. Matthes<sup>5</sup>, K. Bisson<sup>6</sup>

<sup>1</sup>Institute at Brown for Environment and Society, Brown University, Providence, RI, USA

<sup>2</sup>National Institute of Water and Atmospheric Research, Wellington, NZ

<sup>3</sup>University of Auckland, Auckland, NZ

<sup>4</sup>Department of Marine Sciences, University of Otago, Dunedin, NZ

<sup>5</sup>Centre for Earth Observation Science, University of Manitoba, Winnipeg, MB, CA

<sup>6</sup>Oregon State University, Corvallis, OR, USA

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## S1. Table S1: CMIP6 Models

## References

Center	Version	Light Model	Sea Ice Model	doi
NCAR	CESM2	Updated B+L $\delta$ -Edd.	CICE5.1	CMIP6.2185
	CESM2-FV2	Updated B+L $\delta$ -Edd.	CICE5.1	CMIP6.11281
	CESM2-WACCM	Updated B+L $\delta$ -Edd.	CICE5.1	CMIP6.10024
	CESM2-WACCM-FV2	Updated B+L $\delta$ -Edd.	CICE5.1	CMIP6.11282
NCC	NorESM2-LM	Updated B+L $\delta$ -Edd.	Modified CICE5.1	CMIP6.8040
	NorESM2-MM	Updated B+L $\delta$ -Edd.	Modified CICE5.1	CMIP6.8036
CAS	FGOALS-g3	B+L $\delta$ -Edd.	CICE4	CMIP6.3356
	CAS-ESM2	B+L $\delta$ -Edd.	CICE4	CMIP6.3353
CERFACS	CNRM-CM6	Beer-Lambert Atten.	GELATO v6	CMIP6.4066
	CNRM-ESM2.1	Beer-Lambert Atten.	GELATO v6	CMIP6.4068
MRI	MRI-ESM2	Beer-Lambert Atten.	MRI.COMv4	CMIP6.6842

**Table S1.** Global climate models used in this study. All DOIs begin with the common prefix

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